
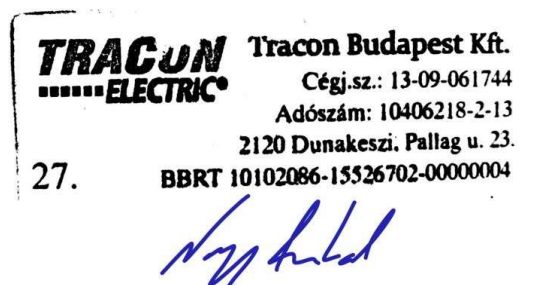


Design certificate		
Manufacturer: TRACON BUDAPEST KFT	Standard: EN 61439-1 EN 61439-3	
Equipment ID: Batch production by date		
Serial number: Batch production by date		
Establishment: ---		
Name of equipment: TDB01-6MV, TDB02-6MV, TDB03-12MV, TDB04-11MV, TDB05-6MV, TDB09-12MV, TDB10-11MV, TDB12-12MV, TDB13-16MV, TDB14-11MV, TDB15-12MV, TDB16-6MV TDB-03-12MVA, TDBS-..., TDB10-11MVSK, TDB12-12MVSK, TDBFR01, TDBFR02, TDB03-12MVK, TDB13-16MVK, TDB15-12MVK		
Object of control	Relevant standard point	
Strength of materials and components	10.2	
Corrosion resistance	10.2.2	Meets product standard requirements
Insulating materials	10.2.3	Meets product standard requirements
Thermal stability	10.2.3.1	Meets product standard requirements
Filament testing of insulating materials	10.2.3.2	Meets product standard requirements
UV resistance	10.2.4	Not relevant, not free air installation....
Lifting	10.2.5	-
Mechanical impact	10.2.6	
Markings	10.2.7	Meets product standard requirements
Housing protection category IP	10.3	IP44
Creeps and span distances	10.4	Meets product standard requirements
Protection against electric shock	10.5	Meets product standard requirements (10.11.2.a) $I_{cw} < 10kA_{eff}$ or $I_{cc} < 10kA$
Short-circuit protection test of protective circuits	10.5.3	Meets product standard requirements (10.11.2.a) $I_{cw} < 10kA_{eff}$ or $I_{cc} < 10kA$
Apparatus and components	10.6	Meets product standard requirements
Internal circuits and connections	10.7	Meets product standard requirements
Connections for external wires	10.8	Meets product standard requirements
Electrical strength / Dielectric properties	10.9	
Voltage resistance at operating frequency	10.9.2	Meets product standard requirements

Impulse withstand voltage	10.9.3	Meets product standard requirements
Warming control	10.10	Meets product standard requirements
Short-circuit strength	10.11	Meets product standard requirements (10.11.2.a) I _{cw} <10kA _{eff} or I _{cc} <10kA
EMC compatibility	10.12	Meets product standard requirements
Mechanical operation	10.13	Meets product standard requirements
Data provision, markings, wiring, operation and function tests		Meets product standard requirements
Touch-Defense Class	10.14	I. Touch-Defense Class 

Signature of the issuer of the design certificate:

Budapest, 2025.02.03



Signature, stamp